REMARKS

Claim 1, for example, calls for determining using snooping at a hardware server, terminal node characteristics. Thus, the hardware server remotely determines certain characteristics of the terminal node. Based on those characteristics, the server selects one or more parameters for processing a fingerprint. Then the server downloads a selected algorithm and one or more control parameters to a fingerprint control protocol. Finally, that protocol is transferred from infrastructure to a terminal node.

Thus, the fingerprint processing can be implemented entirely remotely. That is, a remote hardware server can analyze a characteristic of the node, based on that characteristic select an algorithm in one or more control parameters, and then download those tools to the node through a central office infrastructure.

This does not happen in any of the cited references. For example, it is suggested in the office action that Dorai teaches a method wherein selecting an algorithm is based on determined terminal node characteristics. But nothing in column 7, lines 1-26, indicates anything of the sort. The key point here is that you remotely identify some characteristic of the terminal node that you can use to select algorithms and parameters to download to that node. The material at column 7 simply talks about abilities of the remote nodes, namely, the devices 220, 230, and 240. There is no suggestion whatsoever that those tools were downloaded from a server based on analysis, at the server, of the characteristics of those nodes.

Thus, reconsideration is respectfully requested.

It is not seen how the cited material in Kiewit, namely, column 5, lines 37-45, teaches anything about snooping from a hardware server for characteristics of remote nodes.

There is a discussion in that material of a clock 52, a reference signature extraction circuit 54 that extract signatures and times of execution of cable originated programs and signatures of prerecorded programs. There is no suggestion that they snoop anything in order to determine the characteristic of remote nodes.

Therefore, reconsideration is requested.

Respectfully submitted,

Date: June 11, 2009

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